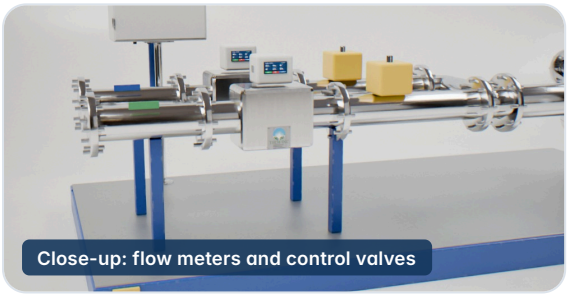
PRODUCT DATASHEET

SAF Blending and Filtration Skid

In-line blending of sustainable aviation fuel with jet fuel, with filtration

Product page





Close-up: flow meters and control valves

OVERVIEW

The Tech Inc. SAF Blending and Filtration Skid blends sustainable aviation fuel (SAF) with conventional jet fuel at a controlled ratio and filters the blend before it goes to storage. Flow meters and control valves hold the ratio, a static mixer makes the blend uniform, and aviation-grade filtration and sampling points support release testing.

TYPICAL DESIGN DATA

Blend control	Ratio control on metered flows, set within the limits of the fuel specification
Filtration	Microfilter or filter-water separator to aviation practice
Materials	Stainless steel or epoxy-lined carbon steel; no copper or zinc in contact with fuel
Design code	ASME B31.3
Hazardous area	Components for the zone classification, earthing and bonding
Records	Batch reports for release testing

MODELS AND CAPACITIES

- **TI-SBF-50** – about 50 m³/h
- **TI-SBF-150** – about 150 m³/h
- **TI-SBF-300** – about 300 m³/h
- **TI-SBF-600** – about 600 m³/h

Indicative blend flow rates.

ORDERING CODE

Example **TI-SBF-150-I-W**: **150** blend flow, m³/h; **I** mode: I in-line, B batch, F filtration only; **W** filtration: W filter-water separator, M microfilter.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: additive injection; meter proving connections; automatic sampler; hazardous-area analyser house; remote batch records.

KEY ADVANTAGES

- **Accurate ratio** – metered and controlled blending
- **Recorded** – batch reports for release
- **Clean fuel** – aviation-grade filtration
- **Safe** – hazardous-area build with earthing

How to cite: SAF Blending and Filtration Skid (model TI-SBF; Tech Inc., Vaughan, Ontario, Canada). www.techincresearch.com/product-page/saf-blending-filtration-skid

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